Era	System	Series	Stratigraphic Unit	Unit Thickness (feet)	Physical Description	Hydro-geologic Unit	Saturated Thickness (feet)	Hydrologic Characteristics
Cenozoic	Tertiary	Eocene	Uinta Formation	0-1,400	Silty sandstone, siltstone and marlstone	Upper Piceance Basin Aquifer		Conductivity range <0.2 to >1.6 ft/day; yield 1 to 900 gpm; transmissivity 610-770 ft^2/day
			Green River Formation	As much as 5,000	*Parachute Creek Member* keragenous, dolomitic marlstone and shale 500-1,800 ft	Mahogany confining unit		
					Anvil Points Member shale, fine-grained sandstone and marlstone 0-1,870 ft	Lower Piceance Basin Aquifer		Conductivity range <0.1 to >1.2 ft/day; yield 1 to 1,000 gpm; transmissivity 260-380 ft^2/d
					Garden Gulch Member claystone, siltstone, clay-rich oil shale and marlstone 0-900 ft	Confining Unit		
					Douglas Creek Member siltstone, shale and channel sandstone 0-900 ft			
			Wasatch Formation	About 5,000	Shale and lenticular sandstone			
		Paleocene	Fort Union Formation	Very Thin	Coarse-grained sandstone	Fort Union aquifer		
Mesozoic	Cretaceous	Upper Cretaceous	Mesaverde Group	Averages 3,000 may be >7,000	Fox-Hills Sandstone, Lewis Shale, Williams Fork Formation, Iles Formation: sandstone interbedded shale and coal	Mesaverde aquifer	<500-2,000	
			Mancos Shale	More than 7,000	Mainly shale but Frontier Sandstone may be local aquifer	Mancos confining unit		

Figure 3-2. Hydrostratigraphic Column for the Piceance Basin